PTO/SB/21 (08-00)

Please type a plus sign (+) inside this box -> [+]

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

#2 12 9-12-0

		Application Number	09/930,421		
TRANSMITTAL	•	Filing Date	August 15, 2001		
FORM		First Named Inventor	Noah J. Ternullo		
(to be used for all correspondence after initial filing)		Group Art Unit	2633 SEP,	\prod	
		Confirmation No.	1551	<u>~</u> }	
Total Number of Pages in This Submission		Attorney Docket Number	12078-139	D	
	ENCL	OSURES (check all that apply)		雪	
Fee Transmittal Form		ment Papers Application)	After Allowance Communication to Group	.	
Fee Attached	☐ Drawin	g(s)	Appeal Communication to Board of Appeals and Interfebricas EIVED		
Amendment / Response	☐ Amendment / Response ☐ Licensin		Appeal Communication to Group (Appeal Notice, BrieAREGy Aries) 200	2	
☐ After Final	Petition	1	Proprietary Information	ı	
Affidavits/declaration(s)		n to Convert to a onal Application	Technology Center 26		
Extension of Time Request		of Attorney, Revocation e of Correspondence Address	Other Enclosure(s) (please identify below):		
Express Abandonment Request	☐ Terminal Disclaimer ☐ Request for Refund		Form PTO-1449 with copies of cited references; return receipt postcard.		
Information Disclosure Statement	CD, Nu	imber of CD(s)			
Certified Copy of Priority Document(s) Remar		rks			
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR 1.52 or 1.53					
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm <i>or</i> Individual name Jacob N. Erlich, Reg. No. 24,338					
Signature					
Date					
CERTIFICATE OF DELIVERY BY HAND					
I hereby certify that this correspondence is being delivered to Examiner C. Leung of Art Unit 2633, United States Patent and Trademark Office, Crystal Park 2, c/o 6th Floor receptionist, on this date:					
Typed or printed name					
		Labean	Date 8/19/01	一	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

4

CERTIFICATE OF DELIVERY BY HAND

envelo Office	I hereby certify that I have caused this coppe addressed to Examiner C. Leung of Are, Crystal Park 2, c/o 6th Floor Receptionis	t Unit 2633 t, on	, United States Pater 8/19/0 ユ	ent and Trademark
		More	en Take	· ·
	IN THE UNITED STATES PAT	ENT AND	TRADEMARK C	PFFICE
Serial	cant: Noah J. Ternullo et al. Number: 09/930,421 August 15, 2001	Grou	iner: C. Leung Art Unit: 2633	RECEIVEL
For:	METHOD AND APPARATUS FOR INF			
		One I Bosto	CINS, SMITH & C Beacon Street n, MA 02108 854-4000	COTechnology Center 2600
То:	Examiner C. Leung Group Art Unit 2633			RECEIVED
United States Patent	United States Patent and Trademark Officerystal Park 2	ice		AUG 1 9 2002
	c/o 6th Floor Receptionist			Technology Center 2600
	INFORMATION DISC	CLOSURE	STATEMENT	
Sir:				
is sub	This Information Disclosure Statement (mitted under 37 CFR 1.97(b)(3).	Form PTO	-1449) (including o	copies of references)
	REM	1ARKS		
in the	Applicant submits herewith an Information the mailing of a first office action on the nevent fees are required please charge any us to Deposit Account No. 03-2410, Order	nerits. In v inderpayme	iew thereof, no fee ent of fees to or cre	is required, however,
the Ex	The following information is presented in aminer:	n the event	that a call may be o	leemed desirable by
	JACOB N. ERLICH (617) 854	-4000.		
			ectfully submitted, J. Ternullo et al., A	Applicants
Dated	:	By:		
		, .	Jacob N. Erlich, Attorney for App	Reg. No. 24,338 blicants

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

APPLICATION SERIAL NO.: 09/930,421 GROUP ART UNIT: 2681

APPLICANTS: Noah J. Ternullo et al. EXAMINER: N/A

FILING DATE: August 15, 2001 CONFIRMATION NO.: 1551

U.S. PATENT DOCKETS

EXAMINER	DOCUMENT	DATE	NAME	CLASS/SUB-	FILING DATE IF
INITIAL	NO.			CLASS	APPROPRIATE
	6,108,703	8/22/2000*	Leighton et al.	709/226	5/19/1999
	6,085,030	7/4/2000*	Whitehead et al.	395/200.33	5/2/1997
	6,064,502	5/16/2000*	Burns et al.	359/152	8/25/1997
	6,061,057	5/9/2000*	Knowlton et al.	345/335	2/11/1999
	6,044,403	3/28/2000*	Gerszberg et al.	709/225	12/31/1997
	6,009,441	12/28/1999*	Mathieu et al.	707/516	9/3/1996
	5,969,678	10/19/1999*	Stewart	342/457	11/4/1998
	5,966,225	10/12/1999*	Taglione et al.	359/152	11/12/1996
	6,092,120	7/18/2000*	Swaminathan et al.	709/247	6/26/1998
	5,986,787	11/16/1999*	Ohshima et al.	359/159	3/14/1997
	5,946,697	8/31/1999*	Shen	707/104	4/22/1997
	5,898,836	4/27/1999	Freivald et al.	395/200.48	
	5,897,622	4/27/1999	Blinn et al.	705/26	
	5,884,215	3/16/1999	Birchler et al.	701/207	4.5.,
	5,878,218	3/2/1999	Maddalozzo, Jr. et al.	395/200.43	
	5,857,201	1/5/1999	Wright, Jr. et al.	707/104	
	5,832,296	11/3/1998	Wang et al.	395/823	
	5,790,605	8/4/1998	Helm et al.	375/347	
	5,790,295	8/4/1998	Devon	359/189	
,	5,546,211	8/13/1996	Devon	359/154	
	6,292,283B1	9/18/2001*	Grandbois	359/143	7/17/1998
	6,278,499B1	8/21/2001*	Darbee et al.	348/734	7/6/1999
	6,098,188	8/1/2000*	Kalmanek, Jr. et al.	714/746	6/30/1995
	6,078,806	6/20/2000*	Heinonen et al.	455/406	5/8/1998
	6,026,088	2/15/2000*	Rostoker et al.	370/395	3/28/1995
	5,852,664	12/22/1998	Iverson et al.	380/25	
	5,845,282	12/1/1998	Alley et al.	707/10	
	5,831,664	11/3/1998	Wharton et al.	348/13	
	5,646,608	7/8/1997	Shintani	340/825.52	
	5,420,572	5/30/1995	Dolin, Jr. et al.	340/825.22	
	5,410,326	4/25/1995	Goldstein	348/134	
	5,982,520	11/9/1999	Weiser et al.	359/172	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSL. YES	ATION NO
	PCT/US01/25593	8/15/2001	Lockheed Martin Corporation			No
	WO 02/15438 A1	2/21/2002	Lockheed Martin Corporation			No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Noah J. Ternullo et al., US Patent Application S/N: 09/930,004 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR RELIABLE UNIDIRECTIONAL COMMUNICATION IN A DATA NETWORK (Attorney Docket No. 12078-140).
Noah J. Ternullo et al., US Patent Application S/N: 09/929,979 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR FOR DETERMINING THE CONTEXT OF A HANDHELD DEVICE (Attorney Docket No. 12078-141).
Noah J. Ternullo et al., US Patent Application S/N: 09/929,995 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR DELIVERING SERVICES IN A CONSTRAINED ENVIRONMENT (Attorney Docket No. 12078-142).
Noah J. Ternullo et al., US Provisional Patent Application S/N: 60/225,349 filed 8/15/2000 Entitled InfoFlo: A COMMONICATION INFRASTRUCTURE FOR PUSHING CONTEXT TO A MOBILE PDA.
John Cox, "WideRay Beams Data to Handhelds", Network World, May 27, 2002; pages 15 and 18.*

^{*} If any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of Applicants' swearing back or other priority determination.

EXAMINER	DATE CONSIDERED			
PTO-Form 1449				